

## WE WILL BE GREENER

New Science Building Phase 1– **LEED Silver Certification** for New Construction  
(Leadership in Energy and Environmental Design)

Key aspects we have approved or are considering incorporating:

Translucent Solar Arrays (solar cells) for south facing window banks which also block 70% or more of heat transmission to aid in summer cooling and reduced size for A/C system.

Use of native and water efficient plants in landscaping

Maximize vegetated open spaces adjacent to building

Storm water quality and quantity controls

Minimizing heat island effect with color of material and landscaping.

Optimize Energy performance

Green power for 35% of building use

Construction waste management

Materials reuse and recycle

Using materials from the region to reduce transport impact.

Use of FSG wood-50%

Low-emitting materials

Controllability of lighting and thermal comfort

Remodel Science Technology Building Phase 2– LEED Silver for Major Renovation

Key aspects:

Solar gazebo which also uses Translucent Solar Arrays, collects light from both direct above and reflected light from below.

Green roof

Reduce heat island effect

Control storm water quality and quantity

Minimize light pollution

And many others

LOOP bus pass-College fully subsidizes public transportation for students making it free to ride the bus, the number of routes has been expanded, and participating cities. This has the effect of reducing pollution, lessening need for on campus parking, and reduces pressure to construct parking lots.

College paid \$46,800 this year and has requested and been approved for a Business and Energy Tax Credit for 25% of that amount.

Lighting retrofits.

Interior lighting was upgraded in 2006 to more efficient fluorescents, and the college received a Business Energy Tax Credit for a portion of the cost.

Parking lot lighting was upgraded in 2007 & 2008 resulting in a BETC credits

Replacing metal halide lighting to fluorescent in the outside corridors

Changed out EXIT lights from bulbs to LED's

College Practices:

- Earth-friendly cleaning supplies
- White and mixed recycling
- Recycle burned out light tubes
- Recycle used aerosol cans
- Recycle old shipping pallets
- Recycle used & scrap metal
- Ship old furniture to OSU Surplus to be sold at auction and reused.
- All cardboard is recycled
- Restrooms converted to low-flow fixtures

- Kitchen has started composting food scraps
- New carpet squares are 100% recyclable, and only those squares that are worn out have to be replaced, rather than the entire carpet.